

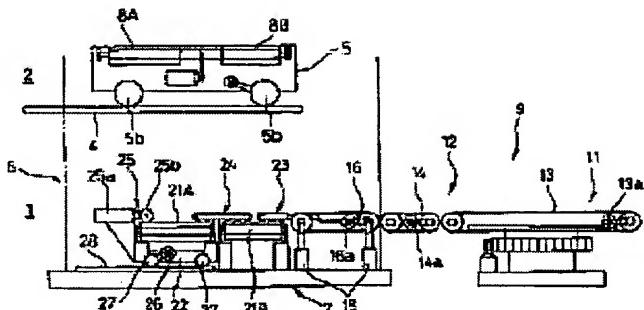
**PALLETLESS TYPE MECHANICAL MULTISTORY PARKING GARAGE**

**Patent number:** JP8120963  
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**Classification:**  
- international: E04H6/18; E04H6/20  
- european:  
**Application number:** JP19940257213 19941024  
**Priority number(s):** JP19940257213 19941024

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**PURPOSE:** To provide a palletless type mechanical vertical parking space that is able to deliver a car freely even if it is a different direction from the delivery direction of the car to a conveyor carriage of the parking floor from a ramp of an elevator unit, and to improve the degree of freedom of a delivery space of this parking space.

**CONSTITUTION:** Out of both first and second traverse conveyor systems 21A and 21B conveying each of front and rear wheels on a ramp 7, the first traverse conveyor system at the inner side is mounted on a transfer carriage 22 and it is made free of access or separation to or from the second one 21B. A retractable longitudinal feed conveyor system 23 being retractable on the second traverse conveyor system 21B and an auxiliary longitudinal feed conveyor system 24 both are installed each in a ramp-attached longitudinal feed conveyor system 16 and the transfer carriage 22. The front wheel is passed through upward the second traverse conveyor system with both these retractile and auxiliary conveyor systems.



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